

CCTGACCGGCCGGCGGCGCCGGGCGCGGTCTCGCCCCTCTACCGAGCGCCTCGCCGCC  
 CCCTCCCCGGCCCGCGTCCCTTCCCCCGTCTCTCTCCCCGCCCCGCCGCCCGCCTCTC  
 GGGGGGAGGGGCGTGGGGGCAGGGAGCCGATTTGCATGCGGCCGCCGCCGCCGCCGCC  
 CCTGAGCCGGAGCCCGCCGCCGCCGGAGCCCGCGCCCCGCGCCCCGCCGCCGCCGCC  
 CGGCCCCATGCCTCTGGCGCGGCCCTCGGGGGGGCGAAGGTGAAGATCGGCTCCTAG  
 GATGAGTGAAGGGGCGGCCGGTGCCTCGCCACCTGGTGCCGCTTCGGCAGCCGCCGC  
 CTCAGCCGAGGAGGGCACCGCGGCGGCTGCGGCGGCGGCGGCGGCGGCGGGGGGCC  
 CGGACGGCGGCGGAGAAGGGGCGGCCGAACCCCCCGGGAGTTACGCTGTAGCGACT  
 GCATCGTGTGAACCGGCAGCAGACGTGGTTGTGCGTGGTGCCTCTGTTTCATCGGCTT  
 CATCGGCTGGGGCTCAGCCTCATGCTGCTTAAATGGATCGTGGTAGGCTCCGTCAAG  
 GAGTACGTGCCACGGACCTGGTGGACTCCAAGGGAATGGGCCAGGACCCCTTCTTCC  
 TCTCAAAGCCCAGCTCTTTCCCCAAGGCTATGAAACCACCACAACAACCACTTCTACC  
 ACGTCCCCCGCCACCCCTCTGCCGGCGGCGCCGCTTCTTCCAGGACGCCTAACCGGA  
 TTAGCACCCGCTTGACCACCATCACACGGGCACCCACCCGCTTCCCTGGGCAACGGGT  
 TCCCATCCGGGCTAGCCCGCGCTCTACCACAGCACGGAACACTGCTGCCCCCTCCGACG  
 GTCCTGTCCACCACGGCCCCCTTTCTTCAGTAGCAGCACGCCCGGCTCCCGACCCCGAT  
 GCCAGGAGCCCCCAGTACGCAGGCGATGCCTTCTGGCCCACTGCGGCGTATGCTACC  
 TCCTCCTACCTCCACGATTCCACTCCCTCCTGGACCCTGTCACCCTTTCAGGATGCTGC  
 TGCCGCCTCTTCTCCTCACCTCTTCCACCTCCTCCACTACCACCACCCAGAACTA  
 GCACCAGCCCCAAATTTCACTATAACATACTCCACTGAACGATCTGAGCACTTCAA  
 ACCCTGTGAGACAAGGACCTGGCGTATTGTCTCAATGATGGTGAATGCTTTGTGATT  
 GAGACCCTGACAGGATCCCATAAGCACTGTGCGTGCAAGGAAGGCTACCAAGGAGTC  
 CGTTGTGATCAATTTCTGCCGAAAACAGACTCCATCTTATCGGATCCAACAGACCACTT  
 GGGGATTGAATTCATGGAGAGTGAAGACGTTTATCAAAGGCAGGTGCTGTCAATTTCA  
 TGTATCATCTTTGGAATTGTCATCGTGGGCATGTTCTGTGCAGCATTCTACTTCAAAG  
 CAAGAAACAAGCTAAACAAATTCAGGAGCACCTGAAAGAGTACAGAATGGGAAGAA  
 CTACAGCCTCAAGGCATCCAGCACAAAGTCTGAGAGCTTGATGAAGAGCCATGTCCAT  
 CTACAAAATTATTCAAAGGCGGATAGGCATCCTGTGACTGCGCTGGAGAAAATAATGG  
 AGTCAAGTTTTTTCAGCTCCCCAGTCGTTCCAGAAAGTCACTTCTCCTGACCGAGGAAG  
 CCAGCCTATCAAGCACCACAGCCCAGGACAAAGGAGTGGGATGTTGCATAGGAATAC  
 TTTCAGAAGGGCACCAACCTCACCCGAAGTCGACTGGGTGGTATTGTAGGACCAGCA  
 TATCAACAACCTGAAGAATCAAGAATTCCAGACCAGGATACGATACCTTGCCAAAGGA  
 TAGAGGTCAGGAAGACTATATCCACCTGCCTATACAGCTGTGGTGTGTTGAAAGACC  
 CCTGGACTTAAAGTATGTGTCCAATGGCTTAAGAACCCAAACAAATGCATCAATAAAT  
 ATGCAACTGCCTTCAAGAGAGACAAACCCCTATTTAATAGCTTGGATCAAAGGACC  
 TGGTGGGTTATTTATCCCCAAGGGCCAATTCTGTGCCCATCATCCCGTCGATGGGTCTA  
 GAAGAAACCTGCATGCAAATGCCAGGGATTTCTGACGTCAAAGCATTAAATGGTGCA  
 AAAACTCCTACTCCGCTGACATTGTCAACGCGAGTATGCCAGTCAGTGATTGTCTTCTA  
 GAAGAACAACAGGAAGTGAAAATATTACTAGAGACTGTGCAGGAACAGATCCGGATT  
 CTGACTGATGCCAGACGGTCAGAAGACTTCGAACTGGCCAGCATGGAACTGAGGAC  
 AGTGCGAGCGAAAACACAGCCTTTCTCCCCCTGAGTCCACGGCCAAATCAGAACGAG  
 AGGCACAATTTGTCTTAAGAAATGAAATACAAAGAGACTCTGTGCTAACCAAGTGACT  
 GGAAATGTAGGAATCTGTGCATTATATGCTTTGCTAAACAGGAAGGAGAGGAATTA  
 AATACAAATTATTTATATGCATTAATTTAAGAGCATCTACTTAGAAGCC

Figure 1

TCACCGACCTAGTGGACTCCACTAGGTTCGGTGGGCACGTA CTCTTGACGGAGCCAC  
CACGATCCATTTGAGAAGCATGAGGCGCGGCCCATGCCTCTGCCGCGGCCCTCGGGG  
GGGCGAAGGTGAANACCGGCTCCTAGGATGAGTGAAGGGGCGGCCGCTGCCTCGCCA  
CCTGGTGCCGCTTCGGCAGCCGCCGCTCGGCCGAGGAGGGCACCGCGGCGGCTGCG  
GCGGCGGCAGCGGCGGGCGGGGGCCCGGACGGCGGCGGCGAAGGGGCGGCCGAGCC  
CCCCGGGAGTTACGCTGTAGCGACTGCATCGTGTGGAACCGGCAGCAGACGTGGCT  
GTGCGTGGTACCTCTGTTTCATCGGCTTCATCGGCCTGGGGCTCAGCCTCATGCTTCTCA  
AATGGATCGTGGTGGGCTCCGTCAAGGAGTACGTGCCACCGACCTAGTGGACTCCAA  
GGGGATGGGCCAGGACCCCTTCTTCTCTCCAAGCCCAGCTCTTTCCCAAGGCCATG  
GAGACCACCACCTACCACTTCCACCACGTCCCCCGCCACCCCTCCGCCGGGGGTG  
CCGCTCCTCCAGGACGCCAACC GGATTAGCACTCGCCTGACCACCATCACGCGGGC  
GCCACTCGCTTCCCCGGGCACCGGGTGCCATCCGGGCCAGCCCGCGCTCCACCACA  
GCACGGAACACTGCGGCCCTGCGACGGTCCCGTCCACCACGGCCCCGTTCTTCAGTA  
GCAGCACGCTGGGCTCCCGACCCCGGTGCCAGGAACCTCAAGTACCCAGGCAATGCC  
CTCCTGGCCTACTGCGGCATACGCTACCTCCTCCTACCTTACGATTCTACTCCCTCCT  
GGACCCTGTCTCCCTTTCAGGATGCTGCCTCCTCTTCTTCTCCTCCTCCTCCGCTA  
CCACCACCACACCAGAACTAGCACCAGCCCCAAATTCATACGACGACATATTCCAC  
AGAGCGATCCGAGCACTTCAAACCCTGCCGAGACAAGGACCTTGCATACTGTCTCAAT  
GATGGCGAGTGCTTTGTGATCGAAACCCTGACCGGATCCCATAAACACTGTGCGGTGCA  
AAGAAGGCTACCAAGGAGTCCGTTGTGATCAATTTCTGCCGAAAACCTGATTCCATCTT  
ATCGGATCCAACAGACCACTTGGGGATTGAATTCATGGAGAGTGAAGAAGTTTATCAA  
AGGCAGGTGCTGTCAATTCATGTATCATCTTTGGAATTGTCATCGTGGGCATGTTCTG  
TGCAGCATTCTACTTCAAAAGCAAGAAACAAGCTAAACAAATCCAAGAGCAGCTGAA  
AGTGCCACAAAATGGTAAAAGCTACAGTCTCAAAGCATCCAGCACAATGGCAAAGTC  
AGAGAACTTGGTGAAGAGCCATGTCCAGCTGCAAAATTATTCAAAGGTGGAAAGGCA  
TCCTGTGACTGCATTGGAGAAAATGATGGAGTCAAGTTTTGTGCGCCCCCAGTCATTC  
CCTGAGGTCCCTTCTCCTGACAGAGGAAGCCAGTCTGTCAAACACCACAGGAGTCTAT  
CCTCTTGCTGCAGCCCAGGGCAAAGAAGTGGCATGCTCCATAGGAATGCCTTCAGAAG  
GACACCCCGTCACCCCGAAGTAGGCTAGGTGGAATTGTGGGACCAGCATATCAGCA  
ACTCGAAGAATCAAGGATCCCAGACCAGGATACGATACCTTGCCAAGGGATAGAGGT  
CAGGAAGACTATATCCACCTGCCTATACAGCTGTGGTGTGTTGAAAGACCCCTGGAC  
TTAAAGTATTCATCCAGTGGTTTAAAAACCCAACGAAATACATCAATAAATATGCAAC  
TGCCTTCAAGAGAGACAAACCCTATTTTAATAGCTTGGAGCAAAAGGACCTGGTGGG  
CTATTCATCCACAAGGGCCAGTTCTGTGCCCATCATCCCTTCAGTGGGTTTAGAGGAA  
ACCTGCCTGCAAATGCCAGGGATTCTGAAGTCAAAAGCATCAAATGGTGCAAAAACCT  
CCTATTCAGCTGACGTTGTCAATGTGAGTATTCCAGTCAGCGATTGTCTTATAGCAGA  
ACAACAAGAAGTGAAAATATTGCTAGAACTGTCCAGGAGCAGATCCGAATTCTGACT  
GATGCCAGACGGTCAGAAGACTACGAACTGGCCAGCGTAGAAACCGAGGACAGTGCA  
AGCGAAAACACAGCCTTTCTCCCCCTGAGTCCACAGCCAAATCAGAACGAGAGGCGC  
AATTTGTCTTAAGAAATGAAATACAAAGAGACTCTGCATTGACCAAGTGA CTTGAGAT  
GTAGGAATCTGTGCAATTCTATGCTTTGCTCAACAGGAAAGAGAGGAAATCAAATACAA  
ATTATTTATATGCATTAATTTAAGAGCATCTACTTAGAAGAAACCAAATAGTCTATCGC  
CCTCATATCATAGTGTTTTTTAACAAAATATTTTTTTAAGGGAAAGAAATGTTTCAGGA  
GGGATAAAGCTT

Figure 2

ATGAGTGAAGGGGCGGCCGCTGCCTCGCCACCTGGTGCCGCTTCGGCAGCCG  
 CCGCCTCGGCCGAGGAGGGCACCGCGGCGGCTGCGGCGGCGGCAGCGGCGG  
 GCGGGGGCCCGGACGGCGGGCGGCGAAGGGGCGGCCGAGCCCCCGGGAGT  
 TACGCTGTAGCGACTGCATCGTGTGGAACCGGCAGCAGACGTGGCTGTGCGT  
 GGTACCTCTGTTTCATCGGCTTCATCGGCTGGGGCTCAGCCTCATGCTTCTCA  
 AATGGATCGTGGTGGGCTCCGTCAAGGAGTACGTGCCCACCGACCTAGTGGA  
 CTCCAAGGGGATGGGCCAGGACCCCTTCTTCCTCTCCAAGCCCAGCTCTTTCC  
 CCAAGGCCATGGAGACCACCACCTACCCTTCCACCACGTCCCCCGCCACC  
 CCCTCCGCGGGGGGTGCCGCTCCTCCAGGACGCCCAACCGGATTAGCACTCG  
 CCTGACCACCATCACGCGGGGCGCCACTCGCTTCCCCGGGCACCGGGTGCCCA  
 TCCGGGGCAGCCCGCGCTCCACCACAGCACGGAACACTGCGGGCCCTGCGAC  
 GGTCCCGTCCACCACGGCCCCGTTCTTCAGTAGCAGCACGCTGGGCTCCCGAC  
 CCCCCGTGCCAGGAACCTCCAAGTACCCAGGCAATGCCCTCCTGGCCTACTGCG  
 GCATACGCTACCTCCTCCTACCTTCACGATTCTACTCCCTCCTGGACCCTGTCT  
 CCCTTTCAGGATGCTGCCTCCTCTTCTTCTCCTCTTCTCCTCCTCCGCTACCACC  
 ACCACACCAGAACTAGCACCAGCCCCAAATTTTCATACGACGACATATTCCAC  
 AGAGCGATCCGAGCACTTCAAACCCTGCCGAGACAAGGACCTTGCATACTGTC  
 TCAATGATGGCGAGTGCTTTGTGATCGAAACCCTGACCGGATCCCATAAACAC  
 TGTCGGTGCAAAGAAGGCTACCAAGGAGTCCGTTGTGATCAATTTCTGCCGAA  
 AACTGATTCCATCTTATCGGATCCAACAGACCACTTGGGGATTGAATTCATGG  
 AGAGTGAAGAAGTTTATCAAAGGCAGGTGCTGTCAATTTTCATGTATCATCTTT  
 GGAATTGTCATCGTGGGCATGTTCTGTGCAGCATTCTACTTCAAAGCAAGAA  
 ACAAGCTAAACAAATCCAAGAGCAGCTGAAAGTGCCACAAAATGGTAAAAGC  
 TACAGTCTCAAAGCATCCAGCACAATGGCAAAGTCAGAGAACTTGGTGAAGA  
 GCCATGTCCAGCTGCAAAATTATTCAAAGGTGGAAAGGCATCCTGTGACTGCA  
 TTGGAGAAAATGATGGAGTCAAGTTTTGTGCGCCCCCAGTCATTCCCTGAGGT  
 CCCTTCTCCTGACAGAGGAAGCCAGTCTGTCAAACACCACAGGAGTCTATCCT  
 CTTGCTGCAGCCCAGGGCAAAGAAGTGGCATGCTCCATAGGAATGCCTTCAG  
 AAGGACACCCCCGTCACCCCGAAGTAGGCTAGGTGGAATTGTGGGACCAGCA  
 TATCAGCAACTCGAAGAATCAAGGATCCCAGACCAGGATACGATACCTTGCCA  
 AGGGTATTCATCCAGTGGTTTAAAAACCCAACGAAATACATCAATAAATATGC  
 AACTGCCTTCAAGAGAGACAAACCCCTATTTTAATAGCTTGGAGCAAAAGGAC  
 CTGGTGGGCTATTCATCCACAAGGGGCCAGTTCTGTGCCCATCATCCCTTCAGT  
 GGGTTTAGAGGAAACCTGCCTGCAAATGCCAGGGATTTCTGAAGTCAAAAGC  
 ATCAAATGGTGCAAAAACCTCCTATTTCAGCTGACGTTGTCAATGTGAGTATTCC  
 AGTCAGCGATTGTCTTATAGCAGAACAACAAGAAGTGAAAATATTGCTAGAA  
 ACTGTCCAGGAGCAGATCCGAATTCTGACTGATGCCAGACGGTCAGAAGACT  
 ACGAACTGGCCAGCGTAGAAACCGAGGACAGTGCAAGTGAAAACACAGCCTT  
 TCTCCCCCTGAGTCCCACAGCCAAATCAGAACGAGAGGCGCAATTTGTCTTAA  
 GAAATGAAATACAAAGAGACTCTGCATTGACCAAGTGA

Figure 3

hNRG3B1 1 MSEGAAASPPGAASAAAAAEEGTAAAAAAGGGPDGGGEGAAEPPR  
mNRG3 1 MSEGAAASPPGAASAAAAAEEGTAAAAAAGGGPDGGGEGAAEPPR

hNRG3B1 51 ELRCSDCIVWNRQQTWLCVVPLFIGFIGLGLSLMLLKWIVVGSVKEYVPT  
mNRG3 51 ELRCSDCIVWNRQQTWLCVVPLFIGFIGLGLSLMLLKWIVVGSVKEYVPT

hNRG3B1 101 PLVDSKGMGQDPFFLSKPSSFPAKAMETTTTTTTSTTSPATPSAGGAASSRT  
mNRG3 101 PLVDSKGMGQDPFFLSKPSSFPAKAMETTTTTTTSTTSPATPSAGGAASSRT

hNRG3B1 151 PNRISTRLTITRAPTRFPGHRVPIRASPRSTTARNTAAPATVPSTTAPF  
mNRG3 151 PNRISTRLTITRAPTRFPGHRVPIRASPRSTTARNTAAPPTVLSTTAPF

hNRG3B1 201 FSSSTLGSRRPPVPGTPTSTQAMPSPWPTAAAYATSSYLHDSTPSWTLSPFQD-  
mNRG3 201 FSSSTPGSRPPMPGAPTSTQAMPSPWPTAAAYATSSYLHDSTPSWTLSPFQDA

hNRG3B1 250 AASSSSSSSSSAATTTTPETSTSPKFHTTYSSTERSEHFKEPDRDKOLAYC  
mNRG3 251 AASSSSSPSSSTSTTTTPETSTSPKFHTTYSSTERSEHFKEPDRDKOLAYC

hNRG3B1 299 LNDGEFVIEETLTGSHKHREKEGYQGVREDOFLPKTDSILSDPTDHLGI  
mNRG3 301 LNDGEFVIEETLTGSHKHREKEGYQGVREDOFLPKTDSILSDPTDHLGI

hNRG3B1 349 EFMESEEVYQROVLSISCIIFGIVIVGMFCAAFYFKSKKOAKQIOEQLKV  
mNRG3 351 EFMESEEVYQROVLSISCIIFGIVIVGMFCAAFYFKSKKOAKQIOEHLKE

hNRG3B1 399 PONGKSYSLKASSTMAKSENIVKSHVQLQNYSKVERHPVTALEKMMESSF  
mNRG3 401 SONGKNYSLKASST--KSESLMKSHVHLQNYSKADRHHPVTALEKIMESSF

hNRG3B1 449 VGPQSFPFEPSPDRGSQSVKHHRSLSGCCSPGORSGLHRNAFRRTPPSP  
mNRG3 449 SAPOSFPFEPSPDRGSQPIKHH.....SPGORSGLHRNTERRAPPSP

hNRG3B1 499 RSRLGGIVGPAYQOLEESRIPDQDTIPCQGLEVRKTI SHLP IQLWCVERP  
mNRG3 492 RSRLGGIVGPAYQOLEESRIPDQDTIPCQGLEVRKTI SHLP IQLWCVERP

hNRG3B1 549 LDKYSSSGLKTRNTSINMQLPSRETNPFNSLEQKDLVGYSSSTRASSV  
mNRG3 542 LDKYVSNBLRTOONASINMQLPSRETNPFNSLEQKDLVGYLSPRANSV

hNRG3B1 599 PIIPSVGLEETCLMPGISLVKSIKWCKNSYSADVNVVSIIPVSDCLIAEQ  
mNRG3 592 PIIPSMGLEETCLMPGISLVKSIKWCKNSYSADVNVASMPVSDCVIEEQ

hNRG3B1 649 DEVKILLETVOEQIRILTDARRSEDYELASVETEDSASENTAFLPLSPTA  
mNRG3 642 DEVKILLETVOEQIRILTDARRSEDFELASMETEDSASENTAFLPLSPTA

hNRG3B1 699 KSEREAQFVLRNEIORDSALTK  
mNRG3 692 KSEREAQFVLRNEIORDSVLTK

Figure 4A

HNRG3B1	1	MSEGAASPPGAASAAASAEEGTAAAAAAGGGPDGGGEGAAEPPR
HNRG3B2	1	MSEGAASPPGAASAAASAEEGTAAAAAAGGGPDGGGEGAAEPPR
HNRG3B1	51	ELRCSDCIVWNRQOTWLCVYPLFIGFIGLGLSLMLLKWIVVGSVKEYVPT
HNRG3B2	51	ELRCSDCIVWNRQOTWLCVYPLFIGFIGLGLSLMLLKWIVVGSVKEYVPT
HNRG3B1	101	DLVDSKGMGQDPFFLSKPSSFPAKAMETTTTTSTTSPATPSAGGAASSRT
HNRG3B2	101	DLVDSKGMGQDPFFLSKPSSFPAKAMETTTTTSTTSPATPSAGGAASSRT
HNRG3B1	151	PNRISTRLLTITRAPTRFPGHRVPIRASPRSTTARNTAAPATVPSTTAPF
HNRG3B2	151	PNRISTRLLTITRAPTRFPGHRVPIRASPRSTTARNTAAPATVPSTTAPF
HNRG3B1	201	FSSSTLGSRPPVPGTPTQAMPSPWPTAAYATSSYLHDSTPSWTLSPFQDA
HNRG3B2	201	FSSSTLGSRPPVPGTPTQAMPSPWPTAAYATSSYLHDSTPSWTLSPFQDA
HNRG3B1	251	ASSSSSSSSSATTITPETSTSPKFHTTYSSTERSEHFKPCRDKDLAYCLN
HNRG3B2	251	ASSSSSSSSSATTITPETSTSPKFHTTYSSTERSEHFKPCRDKDLAYCLN
HNRG3B1	301	DGECFVIETLTGSHKHCRCKEGYQGVRCDOFLPKTDSILSDPTDHLGIEF
HNRG3B2	301	DGECFVIETLTGSHKHCRCKEGYQGVRCDOFLPKTDSILSDPTDHLGIEF
HNRG3B1	351	MESEEVYORQVLSISCIIFGIVIVGMFCAAFYFKSKKQAKQIQEOLKVPO
HNRG3B2	351	MESEEVYORQVLSISCIIFGIVIVGMFCAAFYFKSKKQAKQIQEOLKVPO
HNRG3B1	401	NGKSYSLKASSTMAKSENLYKSHVQLQNYSKVERHPVTALEKMMESSFVG
HNRG3B2	401	NGKSYSLKASSTMAKSENLYKSHVQLQNYSKVERHPVTALEKMMESSFVG
HNRG3B1	451	POSFPEVPSPDGRGSQSVKHHRSLSGCCSPGORSGLH'RNAFRRTPPSPRS
HNRG3B2	451	POSFPEVPSPDGRGSQSVKHHRSLSGCCSPGORSGLH'RNAFRRTPPSPRS
HNRG3B1	501	RLGGIVGPAYOOLESRIPODDTIPCOGIEV'R.KTISHLP IOLWCVERPLD
HNRG3B2	501	RLGGIVGPAYOOLESRIPODDTIPCOG.....
HNRG3B1	551	LKYSSSGLKTORNTSINMOLPSRETNPYFNSLEOKDLVGYSSSTRASSVP I
HNRG3B2	529	--YSSSGLKTORNTSINMOLPSRETNPYFNSLEOKDLVGYSSSTRASSVP I
HNRG3B1	601	IPSVGLEETCLOMPGISSEVKS IKWCKNSYSADVNVSI PVSDCLIAEQOE
HNRG3B2	577	IPSVGLEETCLOMPGISSEVKS IKWCKNSYSADVNVSI PVSDCLIAEQOE
HNRG3B1	651	VKILLETVOEOIRILT DARRSEDYELASVETEDSASENTAFLPLSPTAKS
HNRG3B2	627	VKILLETVOEOIRILT DARRSEDYELASVETEDSASENTAFLPLSPTAKS
HNRG3B1	701	EREAOFVLRNEIORDSALT K
HNRG3B2	677	EREAOFVLRNEIORDSALT K

Figure 4B

hNRG3.egf	288	H	F	K	P	C	R	D	K	D	L	A	Y	C	L	N	D	G	E	C	F	V	I	E	T	L	T	G	S	H	K	H	C	R	C	K	E	G	Y	Q	G	V	R	C	-	D	Q	F	L	
cARIA.egf	137	H	L	T	K	C	D	I	K	Q	R	A	F	C	V	N	G	G	E	C	Y	M	V	K	D	L	P	N	P	P	R	Y	L	C	R	C	P	N	E	F	T	G	D	R	C	-	Q	N	Y	V
hAR.egf	142	K	K	N	P	C	N	A	E	F	Q	N	F	C	I	H	-	G	E	C	K	Y	I	E	H	L	E	A	V	T	-	-	-	C	K	C	Q	Q	E	Y	F	G	E	R	C	G	E	K	S	M
hBTC.egf	65	H	F	S	R	C	P	K	Q	Y	K	H	Y	C	I	K	-	G	R	C	R	F	V	V	A	E	Q	T	P	S	-	-	-	C	V	C	D	E	G	Y	I	G	A	R	C	E	R	V	D	L
hEGF.egf	972	S	D	S	E	C	P	L	S	H	D	G	Y	C	L	H	D	G	V	C	M	Y	I	E	A	L	D	K	Y	A	-	-	-	C	N	C	V	V	G	Y	I	G	E	R	C	Q	Y	R	D	L
hHB-EGF.egf	104	K	R	D	P	C	L	R	K	Y	K	D	F	C	I	H	-	G	E	C	K	Y	V	K	E	L	R	A	P	S	-	-	-	C	I	C	H	P	G	Y	H	G	E	R	C	H	G	L	S	L
hHRGα.egf	178	H	L	V	K	C	A	E	K	E	K	T	F	C	V	N	G	G	E	C	F	M	V	K	D	L	S	N	P	S	R	Y	L	C	K	C	P	N	E	F	T	G	A	R	C	T	E	N	Y	P
hHRGβ.egf	178	H	L	V	K	C	A	E	K	E	K	T	F	C	V	N	G	G	E	C	F	M	V	K	D	L	S	N	P	S	R	Y	L	C	K	C	P	N	E	F	T	G	D	R	C	-	Q	N	Y	V
hTGFA.egf	43	H	F	N	D	C	P	D	S	H	T	Q	E	C	F	H	-	G	T	C	R	F	L	V	Q	E	D	K	P	A	-	-	-	C	V	C	H	S	G	Y	V	G	A	R	C	E	H	A	D	L
mEPR.egf	57	Q	I	T	K	C	S	S	D	M	D	G	Y	C	L	H	-	G	Q	C	I	Y	L	V	D	M	R	E	K	F	-	-	-	C	R	C	E	V	G	Y	T	G	L	R	C	E	H	F	F	L

Figure 5

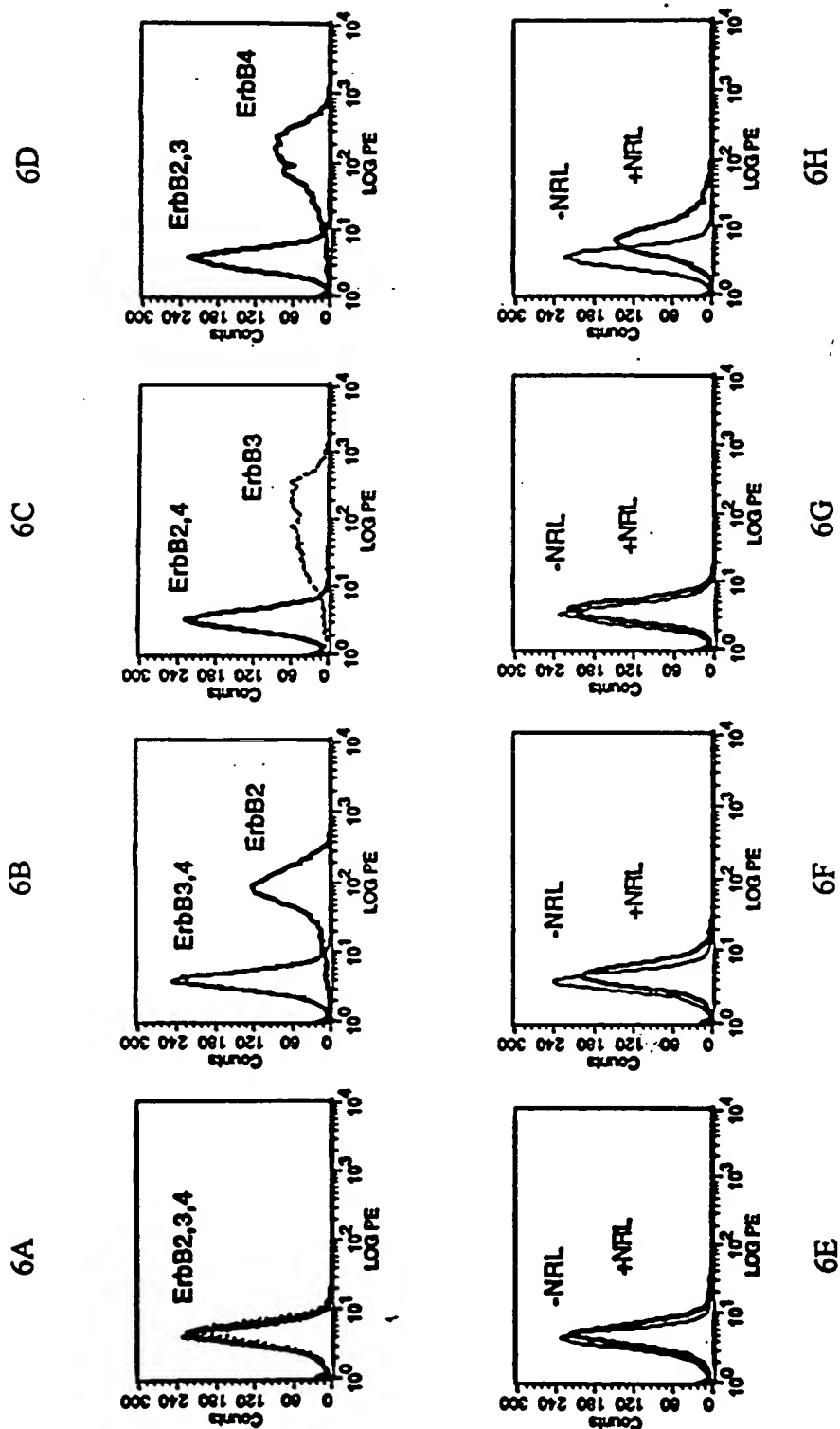


Figure 6A - 6H

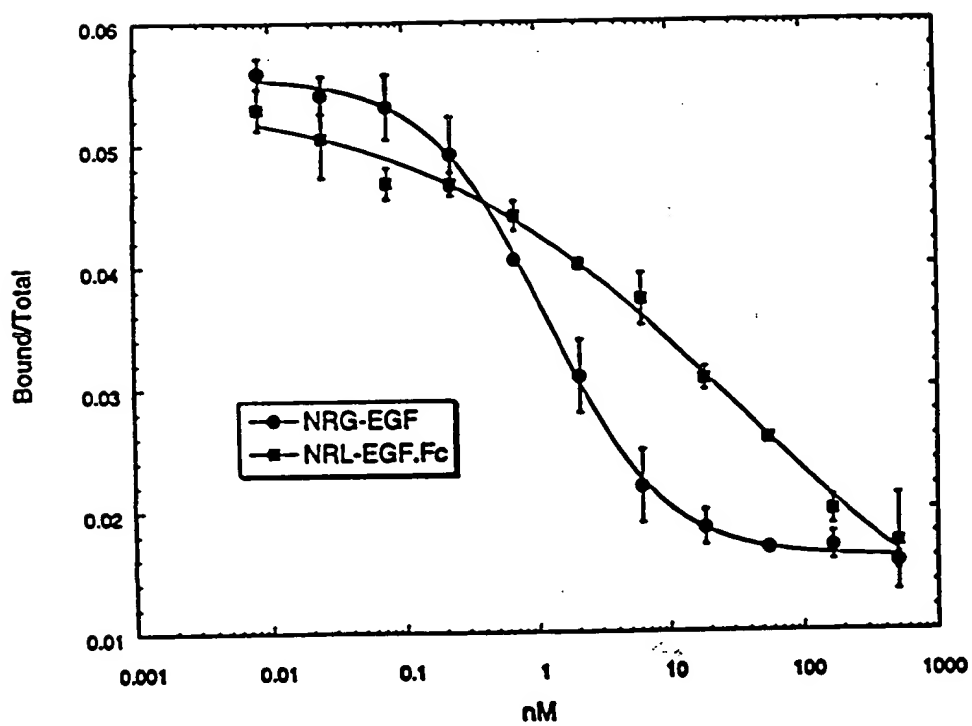


Figure 7